



TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/005,820	
	Filing Date	12/4/01	
	First Named Inventor	William C. Schneider	
	Art Unit	3671	
	Examiner Name	Alexandra Pechhold	
Total Number of Pages in This Submission	42	Attorney Docket Number	MSC-23178-1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	RECEIVED AUG 27 2004 GROUP 3600	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks Enclosures 1. NASA Form 1557 plus extra copy 2. NASA Form 2615 plus extra copy 3. Reply to Office Action Mailed February 26, 2004, consisting of 37 pages. 4. Return postcard	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	NASA Johnson Space Center James M. Cate, Reg. #25,181
Signature	<i>James M. Cate</i> (8/12/2004)
Date	August 12, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	James M. Cate, Reg. #25,181
Signature	<i>James M. Cate</i>
Date	8-12-2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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National
Aeronautics and
Space
Administration

Patent Application

MSC-23178-1

(NASA Case No.)

Letter Transmitting Patent Amendment

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

Transmitted herewith is an amendment as identified below:

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313-1450 on 8/12/2004

James M. Cate James M. Cate

Serial No.: 10/005.820 Confirmation No.: 9636 Filed: 12/4/01

Examiner: Alexandra Pechhold Group Art Unit: 3671

Entitled: Deceleration-Limiting Roadway Barrier

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AUG 27 2004

The fee has been calculated as shown below:

GROUP 3600

CLAIMS AS AMENDED					
FOR (1)	CLAIMS REMAINING AFTER AMENDMENT (2)	HIGHEST NUMBER PREVIOUSLY PAID FOR (3)	PRESENT EXTRA (4)	RATE (5)	ADDITIONAL FEE (6)
TOTAL CLAIMS -----	45	41	4	X \$18.00	\$72.00
INDEPENDENT CLAIMS -----	8	7	1	X \$86.00	\$86.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$158.00

*If the entry in column (2) is less than the entry in column (3), enter "0" in column (4).

**If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20 in this space.

***Minimum number here is 3, even though a lesser number appeared in the application as filed.

☒ Attached: Reply to Office Action Mailed 2/26/04 (37 pgs), NASA Form 1625 +copy, extra copy of this form, PTO/SB/21, & return postcard.

☒ Please charge our Deposit Account No. 14-0116 shown as "TOTAL ADDITIONAL FEE," above. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

James M. Cate

James M. Cate, Reg. #25,181

August 12, 2004
(Date)

(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing an amendment to a patent application.